AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0024] as follows:

[0024] In order to prevent the metalliferous hydrogen-storing material and/or the catalysing agent from reacting, during the milling process, with the surrounding gas in which the milling process takes place, the milling process is advantageously carried out under an inert gas atmosphere, the inert gas being preferably argon; however, it can also be nitrogen, in principle. However, it should be pointed out that, in principle, the process can also be carried out under an atmosphere of ambient air, depending on the type of the metal on which the metalliferous material is based (according to the meaning of the above definition) and as a function of the catalysing agent chosen. Metal carbonates can also be produced in-situ by milling with organic solvents. In another embodiment, the milling process is carried out under a CO and/or CO_2-containing atmosphere.